

Huawei eSpace 8950 Video Phone Datasheet

INNOVATIVE ICT
BUILDING A BETTER CONNECTED WORLD



Huawei eSpace 8950 is a smart, sleek video phone that integrates voice, video, and Unified Communications (UC) applications. It delivers more engaging communication and collaboration, with unmatched security, High Definition (HD) audio and video, simplicity, and smooth operation.

Highlights

High-fidelity, crystal-clear audio performance

- eSpace 8950 is designed with two high-fidelity audio speakerphones that accurately reproduce sound.
- It also employs a full-band voice codec with a sampling frequency as high as 48 kHz, which provides crystal-clear, HD audio performance for a truly immersive experience.



High-resolution, secure video camera

- eSpace 8950 comes with a 2.0 megapixel HD camera whose angle is adjustable to capture exquisite and vivid images with more details. The camera provides a shutter for privacy protection.
- eSpace 8950 also can work with a telepresence system, delivering an HD conferencing experience. In addition, eSpace 8950 supports Secure Real-time Transport Protocol (SRTP) and Transport Layer Security (TLS) protocols for encrypted transmission, ensuring secure data communications.



HD, multi-touch screen

- eSpace 8950 is equipped with a highly sensitive, 8-inch, In-Plane Switching (IPS) touch screen that supports multiple touches.
- The IP phone screen features a clear, 1,280 x 800-pixel high-resolution display, and a super-wide, 178° viewing angle.



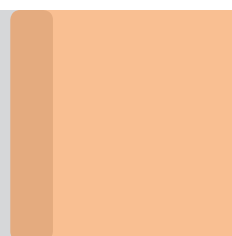
Efficient, enjoyable User Interface (UI)

- eSpace 8950 provides intuitive touch screen navigation for efficient operations. Users can create and join conferences by pressing just a few buttons for easy-to-use conference control operations. The stylish flat UI design, meanwhile, delivers an enjoyable user experience.



Features

Category	Parameter	Specification
Protocols	Network protocols	TCP/IP, SIP, SDP, UDP, RTP, RTCP, DHCP, DNS, HTTP, HTTPS, SNTP, XCAP
Audio	Audio codecs	G.711a/G.711μ/G.729ab/G.722/iLBC/Opus, compatible with G.729/G.729a/G.729b
	Audio features	<ul style="list-style-type: none"> • DTMF: Inband/RFC2833 • Acoustic Echo Cancellation (AEC) • Automatic Gain Control (AGC) • Adaptive Jitter Buffer (AJB) • Automatic Noise Reduction (ANR) • Comfort Noise Generation (CNG) • Hearing Aid Compatibility (HAC) • Packet Loss Concealment (PLC) • Voice Activity Detection (VAD) • Sidetone cancellation • Voice Quality Monitor (VQM) • Buzz cancellation
Video	Camera	1080p, external camera, angle adjustable (+15 degrees to -25 degrees relative to the screen)
	Video codec	H.264 MP/BP
	Video resolutions	<ul style="list-style-type: none"> • QVGA (320 x 240 pixels) • CIF (352 x 288 pixels) • VGA (640 x 480 pixels) • 4CIF (704 x 576 pixels) • 720p (1280 x 720 pixels) • 1080p (1920 x 1080 pixels)
	Video display	<ul style="list-style-type: none"> • Picture-in-Picture (PiP) • Full screen video • Self view (local video preview)
Phone basics	Contacts	1,000 contact records; supports contact search, import, and export
	Languages	<ul style="list-style-type: none"> • Language display: Arabic, Chinese (simplified and traditional), English, French, German, Hungarian, Polish, Portuguese, Russian, Spanish, and Turkish • Language input: Arabic, Chinese (simplified and traditional), English, French, Portuguese, and Spanish • Input methods can be installed on the IP phone
	Ringtone	<ul style="list-style-type: none"> • Built-in 24 system ringtones • System ringtone selection • Custom ringtone import
	Wallpaper	<ul style="list-style-type: none"> • Built-in 20 system wallpapers • System wallpaper selection • Custom wallpaper import
	Local conference	<ul style="list-style-type: none"> • Up to 6-party audio conference • Operations including adding, muting, and removing participants
	Video conference	A multi-party video conference experience when working with UC soft clients and telepresence endpoints
	Basic voice services	Call Waiting, Call Hold, Call Transfer, Call Forward, Call Deflection, DND, Advanced Secretary Service, Call Park, Pickup, Group Pickup, Busy Lamp Field (BLF), Distinctive Ring, Automatic Call Back, Voicemail, Abbreviated Dial, BLF, Paging Broadcast, Hunt Group, Password-based Call Barring, Emergency Call, and Calling Line Identification Presentation (CLIP)
	Android operating system features	Android bundled applications: calculator, calendar, clock, email, gallery, Web browser, and search engine
Security	Signaling and media encryption	<ul style="list-style-type: none"> • TLS • SRTP (AES 128)
	Access security	<ul style="list-style-type: none"> • 802.1x (EAP-MD5) • 802.1x (EAP-TLS)
	Management security	<ul style="list-style-type: none"> • HTTPS
	Certificate security	<ul style="list-style-type: none"> • X.509



Specifications

Parameter	Specification
Display	8-inch, 1,280 x 800 resolution, IPS multi-touch
LEDs	Speaker, Mute, Lock, MWI, and Camera LEDs
Physical camera switch	Shutter used
Supported angles	55 degrees to 80 degrees
Network ports	Two GE ports, 10/100/1000 Mbit/s adaptive, configurable VLAN
Wi-Fi	IEEE 802.11 a/b/g/n
USB 2.0 ports	Two USB 2.0 ports that can connect to USB flash drive, headset, keyboard, and mouse
USB camera port	One USB camera port for connecting to the USB camera delivered with eSpace 8950
Bluetooth	Bluetooth headset
Micro SD card slot	One Micro SD card slot
HDMI port	One HDMI port, in compliance with HDMI 1.4
Handset port	RJ-9
Headset port	3.5 mm
Operating system	Android 4.2.2
PoE	Supported
Power adapter	Input: 100 V AC to 240 V AC Output: 12 V DC, 2 A (China, Europe, U.K., U.S.A., Australia, Brazil, and Saudi Arabia standards supported)
Typical power consumption	12W

Ordering Information



eSpace 8950 video phone, corded handset

eSpace 8950 adapter, 12 V/2 A

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